

What is Claimed is:

1. A penetrable assembled magnetic energy generator, comprising:
  - an assembled magnetic body having a pair of detachable magnetic members jointed together with a face to face manner for defining a magnetic air gap between said magnetic members.
2. The penetrable assembled magnetic energy generator, as recited in claim 1, wherein said magnetic body further comprises an insulated bakelite frame for winding up an electromagnetic coil, which is selected from a group consisting of a single multi-enamel wire wrapped by an insulated casing, two or four of parallel entwisted multi-enamel wires wrapped by an insulated casing, a plurality of wires wrapped within an insulated casing with varied diameter or varied quantity, and a plurality of copper wires wrapped by the insulated casing, wherein a winding circle of said electromagnetic induction coil is a complete circle or as many as  $N$  circles.
3. The penetrable assembled magnetic energy generator, as recited in claim 1, wherein a first of said magnetic members is trough-shaped body having at least an intruding pin projected thereon, a second of said magnetic members is coupled to said first magnetic member, wherein said second magnetic member has at least a corresponding pin protruded from said second magnetic member and is mated with said intruding pin of said first magnetic member at aligned position, such as when said two magnetic member approach with each other, said intruding pin and said corresponding pin will approach as well to defined said magnetic air gap there between, wherein an insulated bakelite frame is provided at said intruding pin and said corresponding pin for enwinding an electromagnetic induction coil.
4. The penetrable assembled magnetic energy generator, as recited in claim 1, wherein a first of said magnetic members is trough-shaped body, a second of said magnetic members is coupled to said first magnetic member, wherein said second magnetic member has at least an elongated intruder projected from said magnetic member in such a manner when said two magnetic member approach with each other, said elongated intruder and said first magnetic member define said magnetic air gap,

wherein an insulated bakelite frame is provided at said elongated intruder for enwinding an electromagnetic induction coil.

5. The penetrable assembled magnetic energy generator, as recited in claim 1, wherein each of said magnetic members is through shaped body having a first side arm and a second side arm which is shorter than said first short arm, such that when said two magnetic members approach to be coupled with each other to form said magnetic body, said first side arms will be coupled together and said magnetic air gap will be formed between opposite said second side arms, wherein an insulated bakelite frame is provided onto said second side arms for enwinding an electromagnetic induction coil.

10 6. The penetrable assembled magnetic energy generator, as recited in claim 1, wherein said two magnetic members are trough-shaped bodies, each of which has at least an intruding pin projected thereon, such that when said two magnetic member approach to couple with each other, said magnetic air gap is formed between said two intruding pins, wherein an insulated bakelite frame is provided at said intruding pins for 15 enwinding an electromagnetic induction coil.

7. A magnetic light, comprising:

an airtight hollow light body having an inner cavity and a through slot, comprising a fluorescent layer coated onto said inner cavity, an inert air and a mercury received within said inner cavity; and

20 a magnetic energy generator for penetrating said light body, comprising:

an assembled magnetic body having a pair of detachable magnetic members jointed together with a face to face manner for defining a magnetic air gap between said magnetic members.

25 8. The magnetic light, as recited in claim 7, wherein one of said magnetic members is penetrated through said through slot to couple with and another of said magnetic members, wherein said magnetic air gap is formed between said two magnetic members.

9. The magnetic light, as recited in claim 7, wherein said light body has at least two of said through slots for penetrating through a side arm and a projected pin of said magnetic member.

10. The magnetic light, as recited in claim 7, wherein said magnetic body is 5 penetrating said through slot by wrapping said light body via an outer casing of said magnetic members.